Pharmaceutical Export Promotion Council

(PHARMEXCIL)

User Manual

for

Desktop App

Integrated Validation of Export of Drugs and its Authentication

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Centre for Development of Advanced Computing

(A Scientific Society of the Ministry of Electronics and Information Technology, Govt. of India)

Anusandhan Bhawan, C-56/1, Institutional Area, Sector-62, Noida-201307

Phone: 91-120-3063311-14 Website:http://www.cdac.in

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3) *Member Companies: for bringing forth queries of real time has helped in incorporating the desired essentials.*

Summary

Integrated Validation of Export of Drugs from India and its Authentication (iVEDA), a project of the Ministry of Commerce & Industry developed by Pharmexcil with technical support from CDAC for facilitating the implementation of Track and Trace for Pharmaceutical products, instituted by the Commerce Ministry.

The cognizance of the issues and concerns raised by the pharma industry with regards to Trace and Track and with specific reference to data upload issues on DAVA portal, taking into the consideration, Department of Commerce has constituted an Expert Committee. The recommendations arrived after series of consultations with the all the stakeholders led to the decision of developing a new web portal for validation and authentication of Drugs Export from India, which is **iVEDA.**

Pharmexcil has been entrusted with the responsibility of developing the Web Portal through CDAC. Pharmexcil and CDAC conducted series of meetings and analysed all the issues, suggestions and recommendations of the industry and has developed this portal.

iVEDA is a well-refined and built-in system, **replacing the DAVA portal**.

iVEDA has been developed with a clear thought process to offer more flexibility and user friendly for the industry. The salient features are,

- Easy Registration and Quick Verification/approvals.
- Option of aggregation/non-aggregation.
- Companies using GS1 code can continue doing so.
- Merchant Exporters can now upload the data using the necessary guidelines
- Companies can get CDAC codes in case they have not yet subscribed to get codes from GS1 or any other agencies.
- Bulk upload of XML files enabled.

iVEDA Portal follow the procedures set by the DGFT/Department of Commerce from time to time through various trade notifications with regards to Bar coding/track and trace implementation. The role of the Pharmexcil is to facilitate the industry through the iVEDA platform for effective implementation of Track & Trace system, introduced and amended by the Commerce Ministry since 2011.

Table of Contents

Document Release History

S. No	Version No	Description	Prepared By	Approved By
1	0.1	Draft User Manual		
2	1.0	Beta version launch of User Manual. Internally reviewed and incorporated the feedback of Pharmexcil		

DESKTOP APP

Desktop App

1. Introduction

- Desktop App is designed for manufacturing sites production unit lines to input the XML as per production for the particular consignment.

- This App should also be used by Merchant Exporters while packing for exports.

- Pre-requisite to use the Desktop App is that user must first successfully register on the web portal. Once user is registered successfully, he can download the executable from "**Download the Desktop App**" tile on its dashboard.

- Steps to run the Desktop App are detailed in this user manual. Basic functionality of this App is to :-
  - Digitally sign the XMLs.
  - Bulk signing of XMLs is also provided.
  - User can validate whether the XML is digitally signed through his dongle or not.
  - Post signing, user can also upload the signed XML from this App to the Web Application.

- Currently only digital sign based on Dongle is working. E-signing based on Aadhar based OTP is under development.

2. Steps for running iVEDA Desktop App

(A) Pre-requisites:

- Make sure your system has the internet connectivity.
- System should have the Operating System Windows.
- System must have the java version 1.8.

(B) Process to install IVEDA :

Step 1. Launch the web browser and go to the below URL :

https://iveda-india.in/IVEDA/login

- Click on the above link and Download the IVEDADesktopApp utility into your required directory as shown in **Figure 1.**

Figure 1: Dashboard of Manufacturer

Step 2. Extract the files by right click on iVEDADesktopApp.rar and then click on the option "Extract Here".

Step 3. After extracting the iVEDA folder, two files will be there, then double click on the iVEDA.bat file then login screen will appear.

Figure 2: Desktop App Login

Step 4. User will login by entering his/her credentials and that credentials should match from the application server.

Step 5. User can refresh the captcha by using refresh button.

Step 6. If user forgets his/her username and password then he/she has to recover his/her password from the application server not from the Desktop App.

Step 7. After clicking on submit button, Dashboard screen will open.

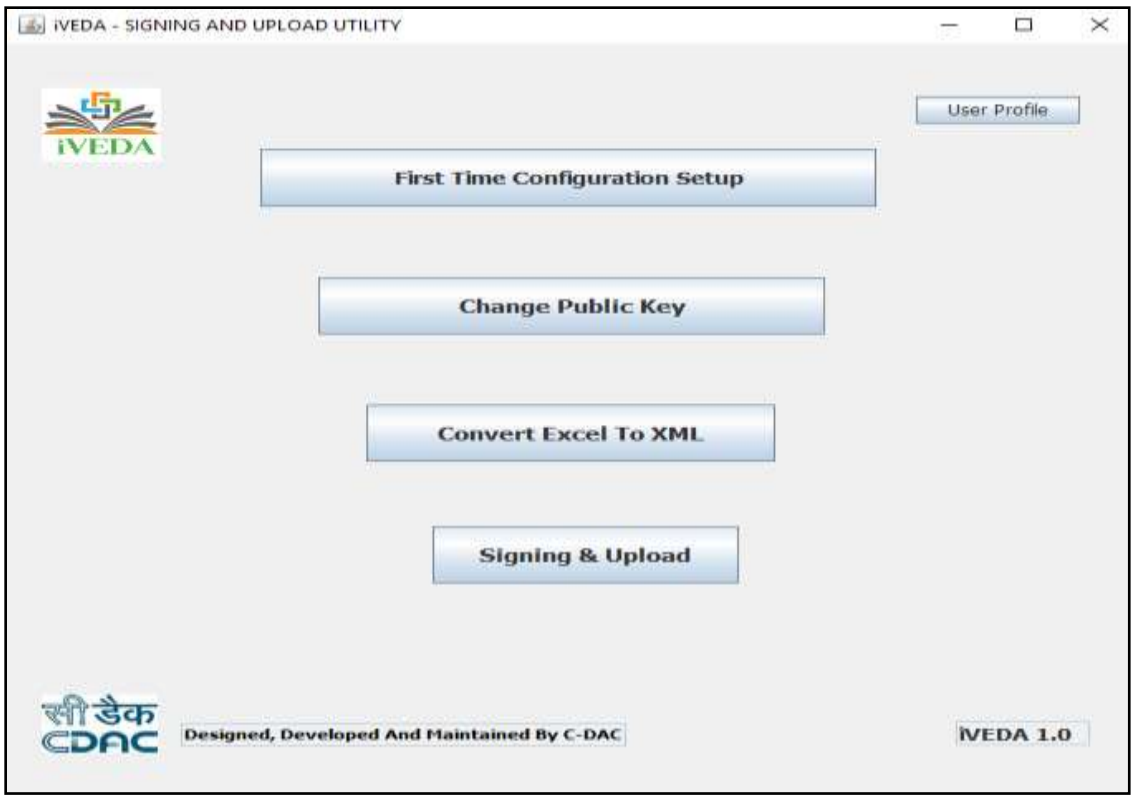

Figure 3: Desktop App Dashboard

Step 8.

- There is one-time configuration screen and after clicking on that configuration screen will open which will create one directory with the **Username.**
- Inside that username directory it will create one more directory **IVEDA.**
- Inside that IVEDA directory it will create four directories where all the files will be stored, one is **INPUT**, second one is **OUTPUT**, third one is **LOGS** and fourth one is **XSD**.

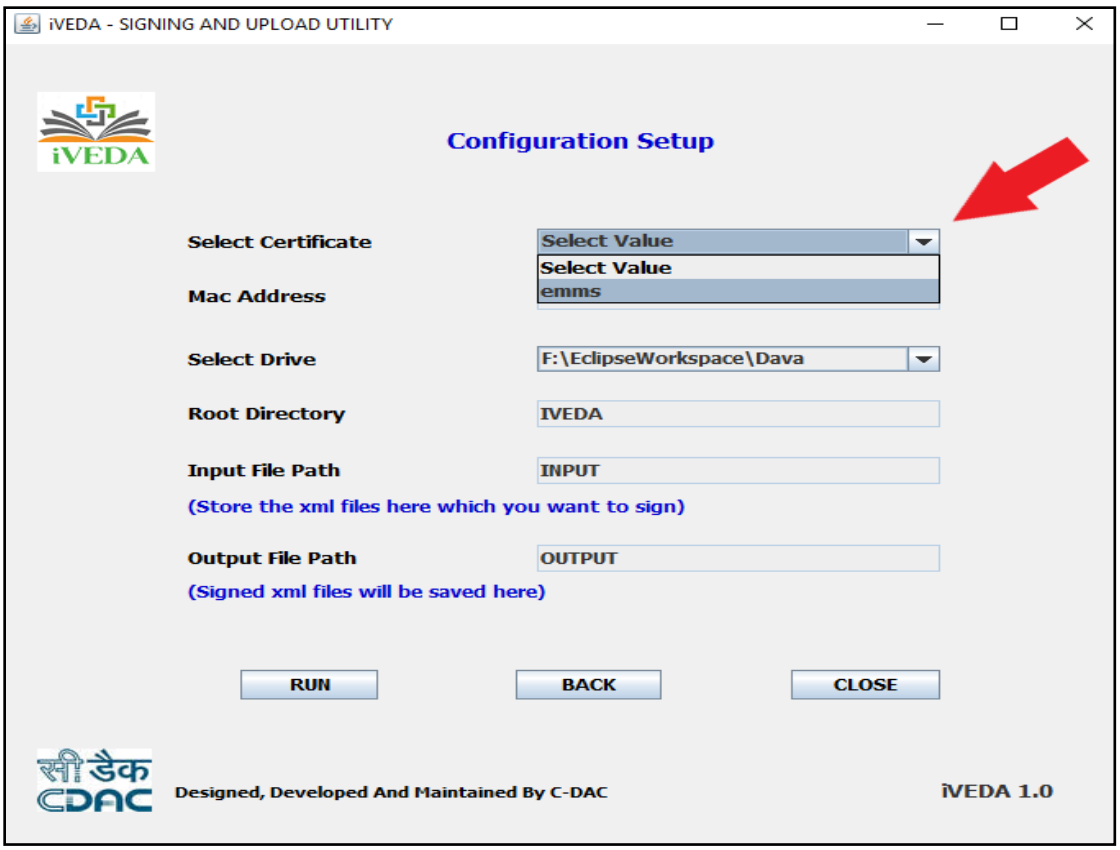

Figure 4: Configuration Setup

- ✓ **Select Certificate:** From here user has to select the certificate or dongle which he/she want to use for digital signing.
- ✓ **Root Folder:** This is the root folder for the iVEDA files.
- ✓ **Input File Path:** This folder contains the XML files to be signed.
- ✓ **Output File Path:** This folder will store the digitally signed XML files.

NOTE: Public Key or Dongle should be CCA certified and should be issued with the name of registered user or firm.

- ➢ After clicking on run button, four folders and one configuration file will be created automatically in the username folder.
  - ✓ INPUT
  - ✓ OUTPUT
  - ✓ LOGS
  - ✓ XSD
  - ✓ iVEDA.cfg

Step 9. User can also change his/her public key with Change Public Key option which is in Dashboard and after clicking on Change Public Key this screen will open **(Figure - 5)**.

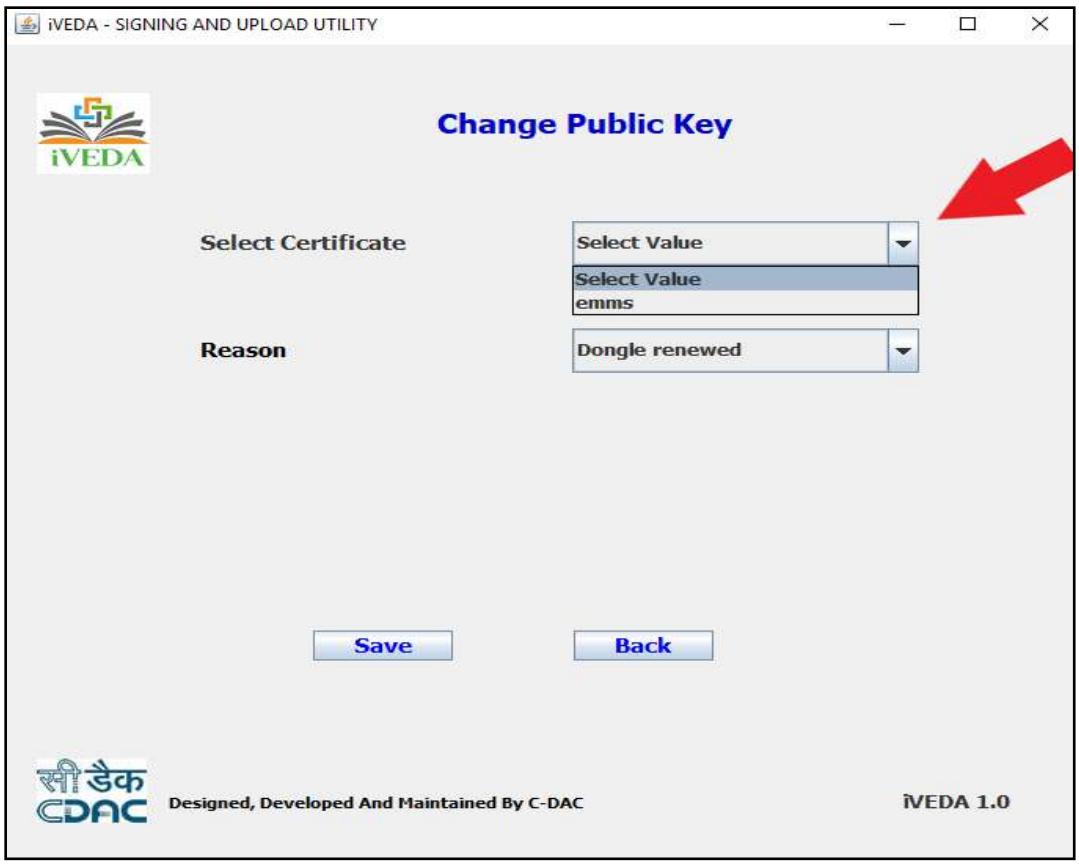

Figure 5: Change Public Key

- **Select Certificate:** From here user has to select the certificate or dongle which he/she want to change for digital signing.
- **Reason:** From this dropdown user has to select the reason why he/she is changing the dongle and click on **"Save"** button.

Step 10. After clicking on save button it will redirect you to Dashboard and now user public key will changed and user can use new dongle or another dongle for digital signing.

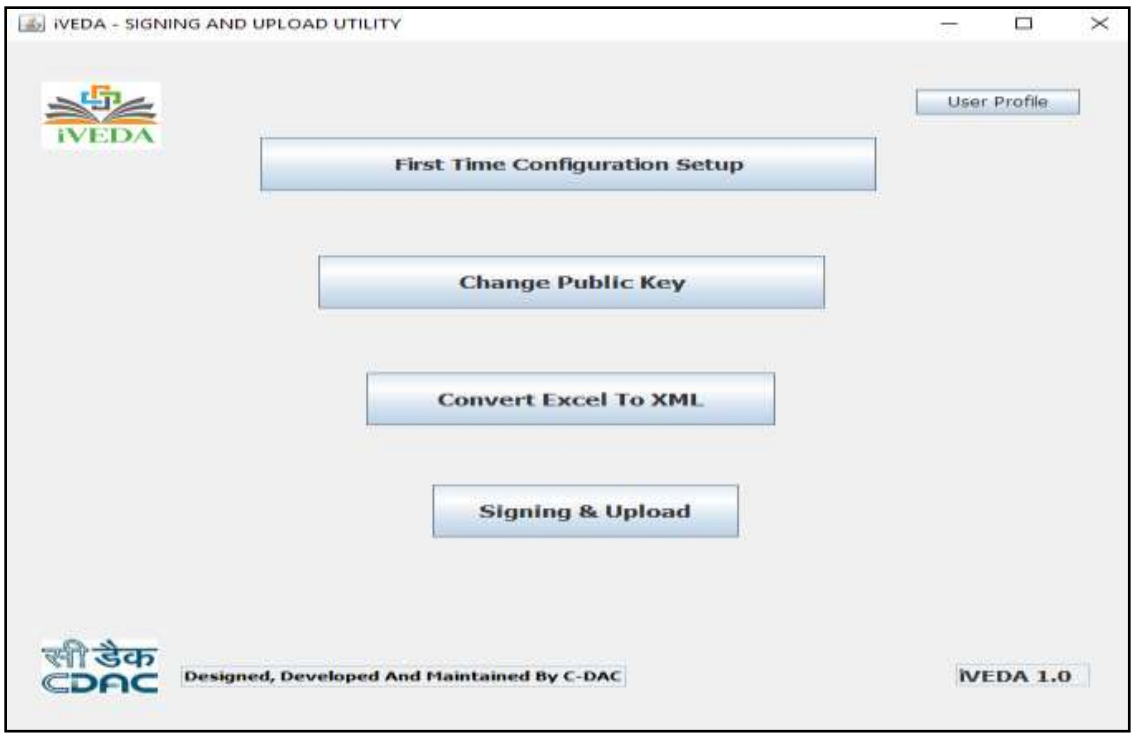

Figure 6: Desktop App Dashboard

Step 11. User can convert Excel to XML through the dashboard. After clicking on "**Convert Excel to XML"** this screen will open **(Figure - 7)**.

Figure 7: Convert Excel to XML

- From "**Browse"** button, user has to select the Excel file which he/she wants to convert into XML and after clicking on "**Convert"** button, excel file will be converted into XML.
- Converted XML file will be downloaded into your current working directory.
- After clicking on Back button, user will redirect to the dashboard.

Step 12. On Dashboard, after clicking on Signing and upload, this screen will appear where user has to select the Digital sign type.

Figure 8: Select Digital Type

Step 13. Digital Signing

1. E-sign:

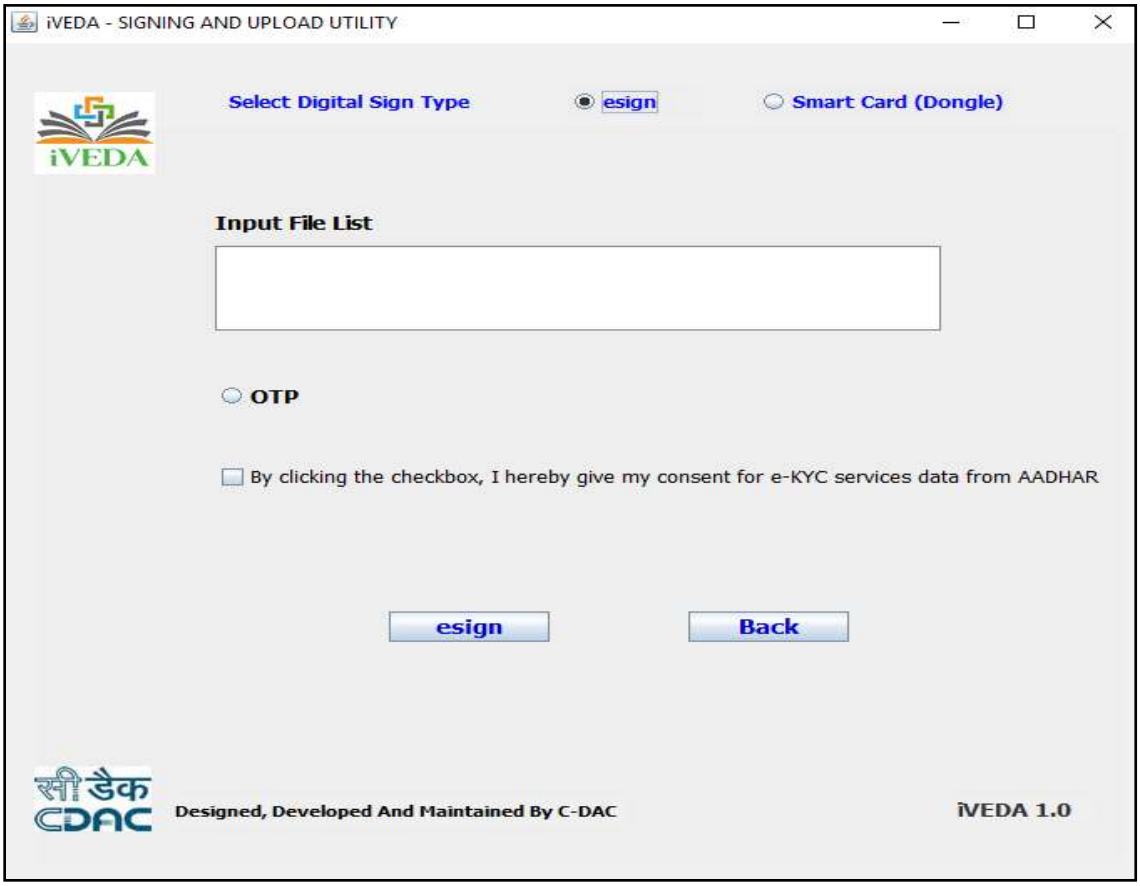

Figure 9: E-Signature

- ✓ Input File List will show the list of the XML files to be signed.
- ✓ User will select checkbox to do with OTP.
- ✓ By clicking on the checkbox, user is giving his/her consent for using e-KYC services data from AADHAR for the purpose of signing selected document and generating digital signature. **[This functionality is under development]**

➢ After clicking on e-sign button, AADHAR authentication screen will appear which is shown below:

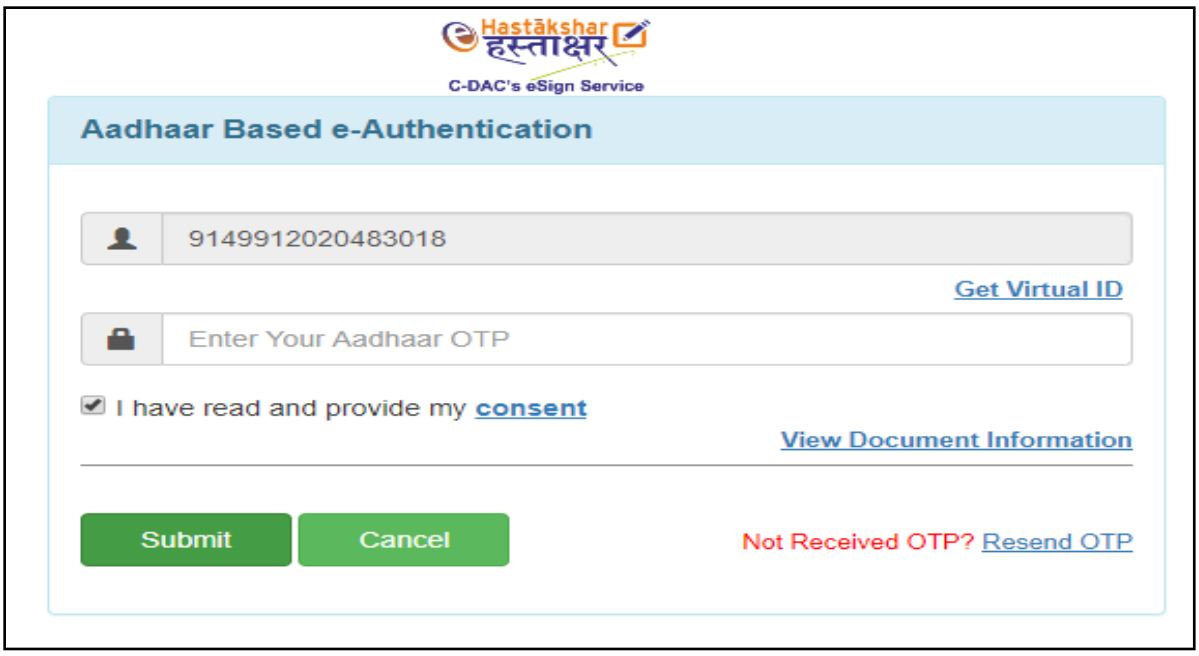

Figure 10: Authentication

- Now user will enter the OTP and after clicking on submit button, XML file will be signed.

2. Smart Card (Dongle) :

- Now user will browse the files which he/she wants to digitally sign and after browsing, all the files will be uploaded in the INPUT folder and will show in the Input File List.

- **Select Certificate:** From here user has to select the certificate or dongle which he/she selected at the time of configuration for digital signing.

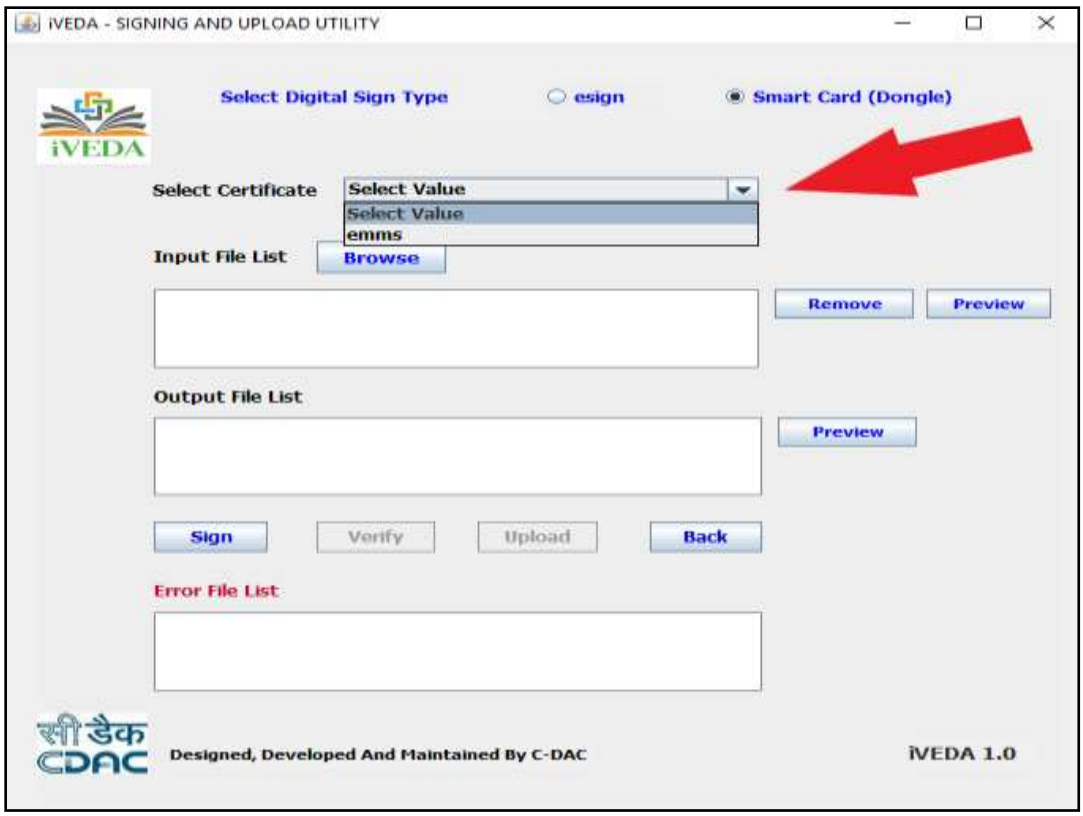

Figure 11: Digital Sign through Dongle

- After browsing, when the files load in the Input File List then user can also view his/her selected file by clicking on **"Preview"** button.
- User can also remove the file from the Input File List which he/she doesn't want to sign or which file contains the error by using **"Remove"** button.
- All error files will be shown in the **Error File List** and signing cannot be done until user remove those error files from the Input File List.
- Now user has to select the certificate and enter the certificate pin and then click on **"Sign"** button.
- After clicking on **"Sign"** button, all the files will be signed and it will display the message **"Signing Completed"** and all the files will show in the **Output File List**.
- After **"Signing Completed"** message, **"Verify"** button will enable with which you can verify your signed files.

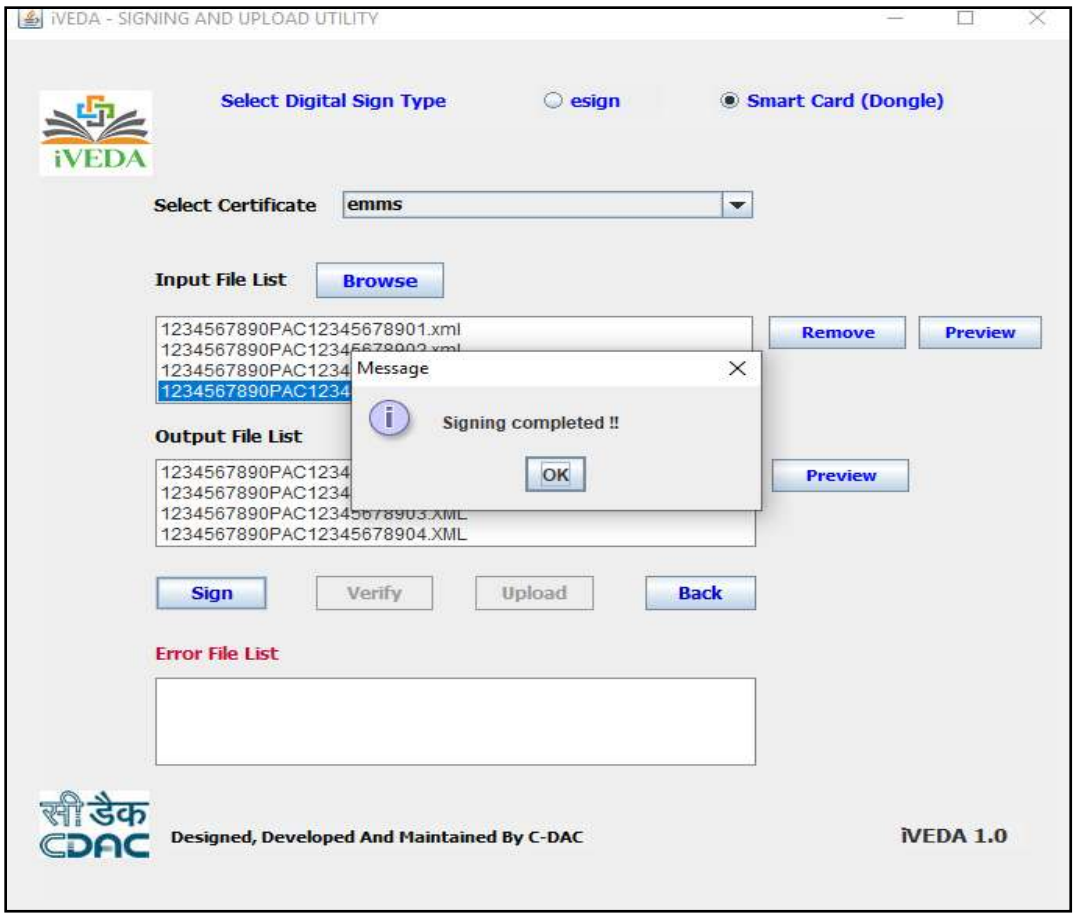

Figure 12: Signing Completed

- After signing, all the files will be removed from **INPUT** folder and move it to the **LOGS INPUT** folder with today's date folder.

- After signing, user can verify his/her signed files by using **"Verify"** button and after verification it will show one message **"Verification Completed"**.

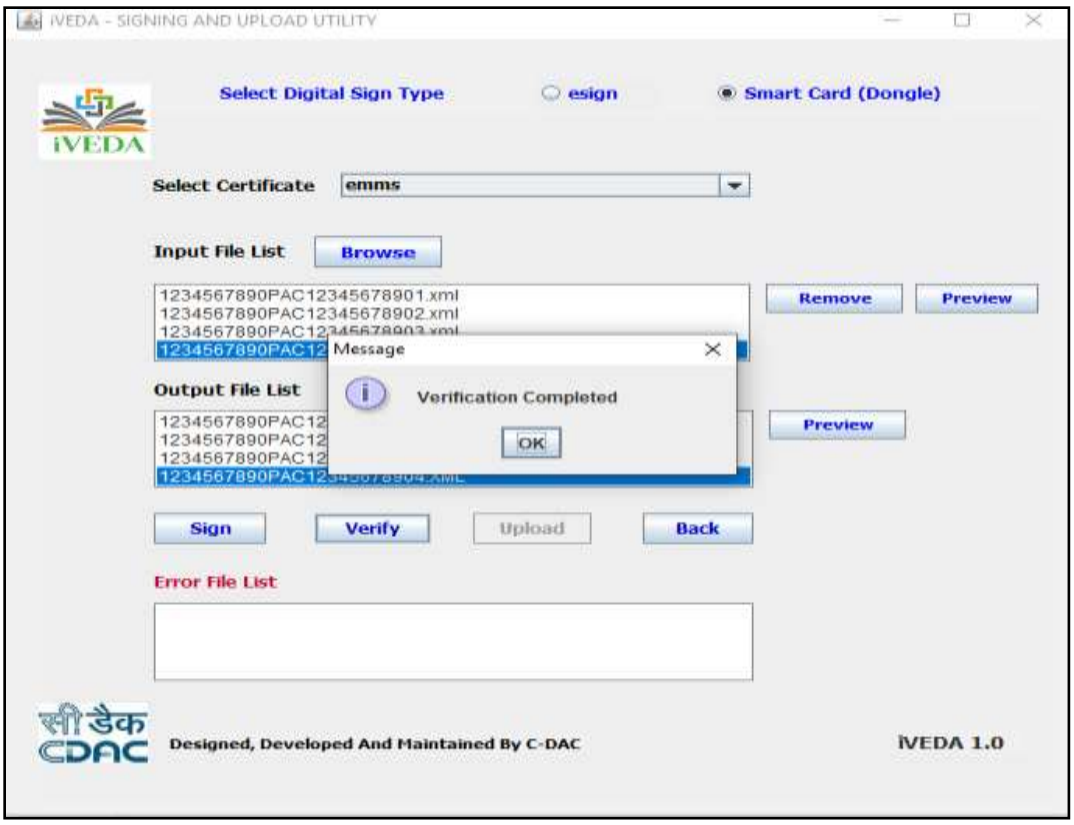

Figure 13: Verification Completed

- After verification, **"Upload"** button will enable with which user can upload his/her signed files to the server and after uploading it will display the message **"Upload Successfully"**.

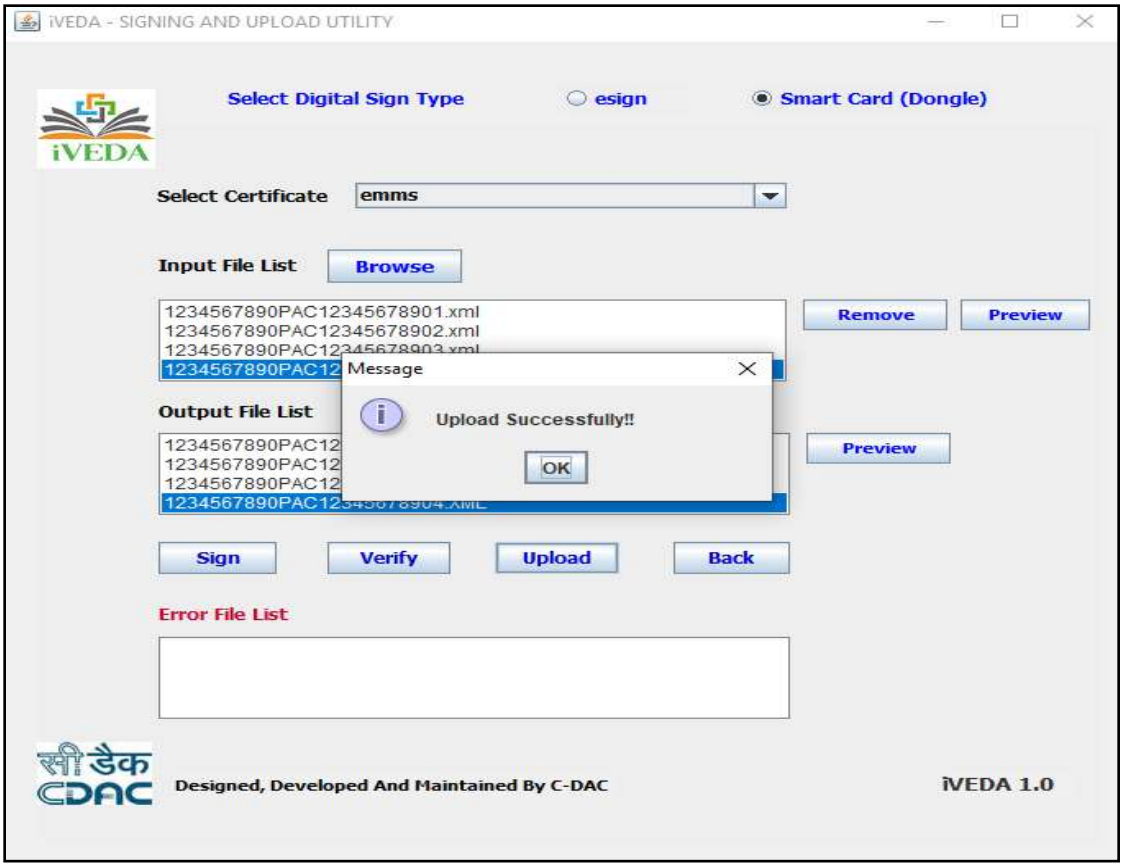

Figure 14: Upload Successfully

- After successfully uploading, all the signed files will be removed from **OUTPUT** folder and move it to the **LOGS OUTPUT** folder with today's date folder.

- After uploading, all the input files and the signed files will be removed from the Input File List and Output File List so if user again wants to sign the new files then he/she can can again browse the files for signing without launching the app again.

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